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Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/729,595
	Filing Date	December 5, 2003
	First Named Inventor	Sprouse et al.
	Art Unit	3746
	Examiner Name	Michael Kocz, Jr.
Total Number of Pages in This Submission	Attorney Docket Number	7784-000440/CPB

ENCLOSURES (check all that apply)				
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment / Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  <b>Acknowledgment postcard</b>		
<table border="1"><tr><td>Remarks</td><td>The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.</td></tr></table>			Remarks	The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.
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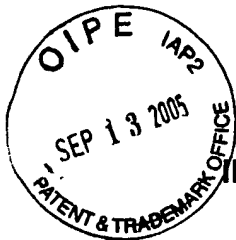
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name	Michael L. Taylor
Reg. No.	50,521		
Signature			
Date	September 13, 2005		

CERTIFICATE OF TRANSMISSION/MAILING			
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Typed or printed name	Michael L. Taylor	Express Mail Label No.	EV 717 345 061 US (9/13/2005)
Signature		Date	September 13, 2005

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EV 717 345 061 US



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/729,595  
Filing Date: December 5, 2003  
Applicant: Sprouse et al.  
Group Art Unit: 3746  
Examiner: Michael Koczo, Jr.  
Title: A CATALYTIC COMBUSTOR AND METHOD FOR  
SUBSTANTIALLY ELIMINATING VARIOUS EMISSIONS  
Attorney Docket: 7784-000440/CPB

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Mail Stop Amendment  
Commissioner for Patents  
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Alexandria, Virginia 22313-1450

**RESTRICTION/SPECIES REQUIREMENT**

Sir:

In response to the Office Action mailed August 29, 2005, please amend the application as follows and consider the remarks set forth below.

**Remarks** begin on page 3 of this paper.

### **Election/Restrictions**

- I. Claims 1 to 12 and 50 to 60, drawn to a catalytic combustion system having pathways in thermal contact, classified in class 431, subclass 268.
- II. Claims 13 to 21, drawn to a gas turbine having a catalytic combustion system and first and second fuel supplies, classified in class 60, subclass 723.
- III. Claims 22 to 28, drawn to a method of combusting fuel in a gas turbine using a catalyst to heat air to auto-ignition temperature, classified in class 60, subclass 777.
- IV. Claims 29 to 37, drawn to catalytic combustion system having a preheater, classified in class 431, subclass 207.
- V. Claims 38 to 40, drawn to gas turbine having a combustion system and first and second fuel supplies, classified in class 60, subclass 737.
- VI. Claims 41 to 49, drawn to a method of combusting fuel in a gas turbine, classified in class 60, subclass 776.